Comparator interface

Comparator interface is used to order the objects of user-defined classes. A comparator object is capable of comparing two objects of two different classes.

This interface is found in java.util package and contains 2 methods compare(Object obj1,Object obj2) and equals(Object element).

import java.util.\*;

class Student {

String name;

Student(String name){

this.name=name; }

public String getName() {

return name;

}

public void setName(String name) {

this.name = name;

}

public class TestSort1{

public static void main(String args[]){

ArrayList<Student> al=new ArrayList<Student>();

al.add(new Student("Vijay"));

al.add(new Student("Ajay"));

Comparator<Student> cm1=Comparator.comparing(Student::getName);

Collections.sort(al,cm1);

System.out.println("Sorting by Name");

for(Student st: al){

System.out.println(st.name+" ");

}

for(Student st: al){

System.out.println(st.name+" ");

}

}

}